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This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-1449 listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

All of the references identified herein were disclosed in parent application Serial No. 09/127,834 and, as such, copies thereof are not included pursuant to the provisions of 37 C.F.R. §1.98(d).

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815 may be charged therefor.

Respectfully submitted, BOZICEVIC, FIELD & FRANCIS LLP

Date: 12/18/2001

Pamela J. Sherwood Registration No. 36,677

BOZICEVIC, FIELD & FRANCIS LLP 200 Middlefield Road, Suite 200 Menlo Park, CA 94025 Telephone: (650) 327-3400

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U.S. PATENT DOCUMENTS

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	4,353,888	10/12/82	Sefton			
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	4,683,195	07/28/87	Mullis et al.		<u> </u>	
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	4,754,065	06/28/88	Levenson et al.			"
	4,769,330	09/06/88	Paoletti et al.			
	4,777,127	10/11/88	Suni et al.			
	4,800,159	01/24/89	Mullis et al.			
	4,883,666	11/28/89	Sabel et al.			
	4,892,538	01/09/90	Aebischer et al.			
	5,017,487	05/21/91	Stunnenberg et al.			
	5,106,627	04/21/92	Aesbischer et al.			
	5,166,057	11/24/92	Palese et al.			
	5,219,740	06/15/93	Miller et al.			
	5,288,641	02/22/94	Roizman	<u> </u>		
	5,328,470	07/12/94	Nabel et al.			
	5,354,674	10/11/94	Hodgson		<u> </u>	
	5,501,662	03/26/96	Hofmann			
	5,635,383	06/03/97	Wu et al.	 		
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	2,200,651	08/10/88	GB						
	WO 89/01973 A2	03/09/89	PCT						
	WO 89/01973 A3	03/09/89	PCT						
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De Chao Yu et al.

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June 5, 2001

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)
	ADAIR et al., "Targeted homologous recombination at the endogenous adenine phosphoribosyltransferase locus in Chinese hamster cells" <i>Proc. Natl. Acad. Sci. USA</i> 86:4574-4578 (1989)
	AEBISCHER et al., "Macroencapsulation of dopamine-secreting cells by coextrusion with an organic polymer solution" <i>Biomaterials</i> 12:50-56 (1991)
	AEBISCHER et al., "Transplantation of polymer encapsulated neurotransmitter secreting cells: Effect of the encapsulation technique" <i>J. Biomech. Eng.</i> 113:178-183 (1991)
	ANGERMANN et al., "Cloning and expression of human salivary-gland kallikrein in Escherichia coli." <i>Biochem J.</i> 262:787-793, abstract only (09/1989)
	ARNBERG et al., "Fiber genes of adenoviruses with tropism for the eye and the genital tract" Virol. 227:239-244 (1997)
	AUSUBEL, F.M., et al., eds. <u>Current Protocols in Molecular Biology</u> , Supplement 30, section 7.7.18, Table 7.7.1 (1987)
	AUSUBEL, F.M. et al., eds. <u>Current Protocols in Molecular Biology</u> , Greene Publishing Associates (1989) Title Page and Table of Contents Only
	BAILEY et al., "Cell type specific regulation of expression from the Ad40 E1B promoter in recombinant Ad5/Ad40 viruses" <i>Virology</i> 202:695-706 (1994)
	BAILEY et al., "Enteric adenovirus type 40: Expression of E1B proteins in vitro and in vivo" Virology 193:631-641 (1993)
	BARBA et al., "Thymidine kinase-mediated killing of rat brain tumors" <i>J. Neurosurg</i> 79:729-735 (1993)
	BEATO, "Gene Regulation by steriod hormones" Cell 56:335-344 (1989)
	BEHR et al., "Efficient gene transfer into mammalian primary endocrine cells with lipopolyamine-coated DNA" <i>Proc. Natl. Acad. Sci USA</i> 86:6982-6986 (1989)
	BEHRINGER et al., "Dwarf mice produced by genetic ablation of growth hormone-expressing cells" Genes Dev. 2:453-461 (1988)
	BERKNER and SHARP, "Generation of adenovirus by transfection of plasmids" <i>Nucl. Acids Res.</i> 11(17):6003-6020 (1983)
	BERKNER, "Development of adenovirus vectors for the expression of heterologous genes" BioTechniques 6(7):616-618, 620-624, 626, 628, 629 (1988)
	BETT et al., "An efficient and flexible system for construction of adenovirus vectors with insertions or deletions in early regions 1 and 3" <i>Proc. Natl. Acad. Sci USA</i> 91:8802-8806 (1994)
	BETT et al., "Packaging capacity and stability of human adenovirus type 5 vectors" <i>J. Virology</i> 67(10):5911-5921 (1993)
	BOULIKAS "Gene therapy of prostate cancer:p53, suicidal genes, and other targets" <i>Anticancer Res.</i> 17:1471-1505 (1997)
-	BRAUN et al. "Immunogenic duplex nucleic acids are nuclease resistant" <i>J. Immunol.</i> 141(6):2084-1089 (1988)
	BRIDGE et al., "Redundant control of adenovirus late gene expression by early region 4" <i>J. Virol.</i> 63(2):631-638 (1989)

EXAMINER

DATE CONSIDERED

INFORMATION DISCLOSURE CITATION Q100261000000/QFKKGF0 several sheets if necessary)

Biol. 7(2):725-737 (1987)

ATTY, DOCKET NO. CELL011CON

SERIAL NO. 09/875,228

APPLICANT

De Chao Yu et al.

FILING DATE

GROUP

1632

June 5, 2001 OACH et al. "Vectors for high-level, inducible expression of cloned genes in yeast" Experimental Manipulation of Gene Expression, M. Inouye , ed., Academic Press, pp. 83-1 (1983)CAPECCHI, "Altering the genome by homologous recombination" Science 244:1288-1292 (1989)CARSON-JURICA et al., "Steroid receptor family: Structure and functions" Endocr. Rev. 11(2):201-220 (1990). CHANDER and SCHREIER, "Artificial viral envelopes containing recombinant human immunodeficiency virus (HIV)gp160" *Life Sci.* 50(97):481-489 (1992) CHARLESWORTH et al., "Detection of a prostate-specific protein, human glandular kallikrein (hK2), in sera of patients with elevated prostate-specific antigen levels" Urology 49(3):487-493 CHATURVEDI et al., "Stabilization of triple-stranded oligonucleotide complexes: use of probes containing alternating phosphodiester and stereo uniform cationic phosphoramidate linkages" Nucleic Acids Res. 24(12):2318-2323 (1996) CHAUDHARY et al., "A recombinant single-chain immunotoxin composed of anti-tac variable regions and a truncated diphtheria toxin" Proc. Natl. Acad. Sci. USA 87:9491-9494 (1990) CHEN et al., "Gene therapy for brain tumors: Regression of experimental gliomas by adenovirus-mediated gene transfer in vivo" Proc. Natl. Acad. Sci. USA 91:3054-3057 (1994) CLEMENTS, "The glandular kallikrein family of enzymes: Tissue-specific expression and hormal regulation" *Endocr. Rev.* 10(4):393-419 (1989) CLEUTJENS et al. "An androgen response element in a far upstream enhancer region is essential for high, androgen-regulated activity of the prostate-specific antigen promoter" Molec. Endocrinol. 11(2)148-161 (1997) Cold Spring Harbor Laboratory, Second Edition, RNA Tumor Viruses (1985) Title page and table of contents only. COLIGAN et al., eds. Current Protocols in Immunology, vols. 1, 2 and 3 (1991) Title page and table of contents only. CORNETTA et al.. "No retroviremia or pathology in long-term follow-up of monkeys exposed to a murine amphotropic retrovirus" Hum Gene Ther 2:215-219 (1991) CROOKE and LEBLEU, eds. Antisense Research and Applications, CRC Press (1993) Title page and table of contents only. DAI et al., "Gene therapy via primary myoblasts: Long-term expression of factor IX protein following transplantation in vivo" Proc. Natl. Acad. Sci. USA 89:10892-10895 (1992) DAI et al. "Androgenic up-regulation of androgen receptor cDNA expression in androgenindependent prostate cancer cells" Steroids 61:531-539 (1996) DARSON et al., "Human glandular kallikrein 2 (hK2) expression in prostatic intraepithelial neoplasia and adenocarcinoma: A novel prostate cancer marker" Urology 49(6):857-862

EXAMINER	DATE CONSIDERED				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

attenuated suicide Listeria monocytogenes" Nature Biotech 16:181-185 (1998)

DE WET et al., "Firefly luciferase gene: structure and expression in mammalian cells" Mol. Cell.

DIETRICH et al., "Delivery of antigen-encoding plasmid DNA into the cytosol of macrophages by

ATTY. DOCKET NO. SERIA INFORMATION DISCLOSURE CITATION 09/875,228 CELL011CON (SIO0261000000/OFKKGF0 (Use Several sheets if necessary) APPLICANT De Chao Yu et al. **FILING DATE GROUP** 1632 June 5, 2001 TRABIGNAM et al., "Accurate transcription initiation by RNA polymerase II in a soluble extract isolated mammalian nuclei" Nucleic Acids Res. 11(5):1475-1489 (1983) FALLER et al., "Liposome encapsulation of retrovirus allows efficient superinfection of resistant cell lines" J. Virol. 49(1):269-272 (1984) FELGNER and RINGOLD, "Cationic liposome-mediated tranfection" Nature 337:387-388 (1989) FISHER-HOCH et al. "Protection of rhesus monkeys from fatal Lassa fever by vaccination with a recombinant vaccinia virus containing the Lassa virus glycoprotein gene" PNAS USA 86:317-FLEXNER et al., "Attenuation and immunogenicity in primates of vaccinia virus recombinants expressing human interleukin-2" Vaccine 8(1):17-21 (1990) FLINT "Expression of adenoviral genetic information in productively infected cells" Biochem. Biophys. Acta 651:175-208 (1982) FLINT "Regulation of adenovirus mRNA formation" Advances Virus Research 31:169-228 (1986) FRANKEL et al., "Selection and characterization of ricin toxin A-chain mutations in Saccharomyces cerevisiae" Mol. Cell. Biol. 9(2):415-420 (1989) FRESHNEY, ed. Animal Cell Culture (1987) Title page and table of contents only. FUKUSHIMA et al., "Nucleotide sequence of cloned cDNA for human pancreatic kallikrein." Biochemistry 24:8037-8043, Abstract Only (12/1985) FURTH "Gene transfer by biolistic process" Mol. Biotechnol. 7:139-143 (1997) GACESA and RAMJI, Vectors, John Wiley & Sons (1994) Title page and table of contents only. GAIT, ed., Oligonucleotide Synthesis MRC Laboratory of Molecular Biology (1984) Title page and table of contents only. GAO and HUANG, "A novel cationic liposome reagent for efficient transfection of mammalian cells" Biochem. Biophys. Res. Commun. 179(1):280-285 (1991) GENNARO, ed., Remington" The Science and Practice of Pharmacy 19th edition, vol. 1 and 2 (1995) Title page and table of contents only. GENNARO, ed., Remington's Pharmaceutical Sciences, 18th edition (1990) Title page and table of contents only. GHOSH-CHOUDHURY and GRAHAM, "Stable transfer of a mouse dihydrofolate reductase gene into a deficient cell line using human adenovirus vector" Biochem. Biophys. Res. Commun. 147(3):964-973 (1987) GHOSH-CHOUDHURY et al., "Protein IX, a minor component of the human adenovirus capsid, is essential for the packaging of full length genomes" EMBO Journal. 6(6):1733-1739 (1987) GRAHAM et al., "A new technique for the assay of infectivity of human adenovirus 5 DNA" Virology 52:456-467 (1973) GRAHAM et al. "Characteristics of a human cell line transformed by DNA from human

EXAMINER

DATE CONSIDERED

GRAHAM, "Covalently closed circles of human adenovirus DNA are infectious" EMBO Journal

GRAHAM, "Growth of 293 cells in suspension culture" J. Genetic Virology 68:937-940 (1987)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

adenovirus type 5" J. Gen. Virol. 36:59-72 (1977)

3(12):2917-2922 (1984)

ATTY. DOCKET NO. ... INFORMATION DISCLOSURE CITATION 09/875.22 CELL011CON (OTO 0261 00 0 0 0 00/ OF KHGFD tese several sheets if necessary) APPLICANT De Chao Yu et al. DEC 27 2009 **FILING DATE GROUP** June 5, 2001 1632 GREAD, "The structure and functions of the adenovirus early region 1 proteins" Biochem. **21** 25 38 (1987) HALLENBECK, O. et al., "Novel Tumor Specific Replication Competent Adenoviral Vectors for Gene Therapy of Cancer" Cancer Gene Therapy, 3(6):S19-S20 (1996) HARA et al.. "In vivo gene delivery to the liver using reconstituted chylomicron remnants as a novel nonviral vector" *Proc. Natl. Acad. Sci. USA* 94:14547-14552 (1997) HAYASHI et al., "Expression of a thyroid hormone-responsive recombinant gene introduced into adult mice livers by replication defective adenovirus can be regulated by endogenous thyroid hormone receptor" J. Biol. Chem. 269(39):23872-23875 (1994) HILLIER et al., GenBank Accession No. T69719 (03/1995) HODGSON and SOLAIMAN, "Virosomes: Cationic liposomes enhance retroviral transduction" Nature Biotechnol. 14:339-342 (1996) HOFFMAN et al., "NGF released from a polymer matrix prevents loss of ChAT expression in basal forebrain neurons following a fimbria-fornix lesion" Expt. Neurobiol. 110(1):39-44 (1990) HUBER et al., "VDEPT: An enzyme/prodrug gene therapy approach for the treatment of metastic colorectal cancer" Adv. Drug Delivery Rev. 17:279-292 (1995) HWU et al., "Functional and molecular characterization of tumor-infiltrating lymphocutes transduced with tumor necrosis factor alpha cDNA for the gene therapy of cancer in humans" J. Immunol. 150(9):4104-4115 (1993) JAEGER et al., "Polymer encapsulated dopaminergic cell lines as 'alternative neural grafts" Prog. Brain Res. 82:41-46 (1990) JAFFE et al., "Adenovirus-mediated in vivo gene transfer and expression in normal rat liver" Nat. Genet. 1:372-378 (1992) JAKOBY, ed., Methods in Enzymology, Academic Press, Inc. (1979) Title page and table of contents JOHNSON et al., "Targeting of nonexpressed genes in embryonic stem cells via homologous recombination" Science 245 (4923):1234-1236 (1989) KAY et al., "Hepatic gene therapy: Persistant expression of human alpha 1-antitrypsin in mice after direct gene delivery in vivo" Human Gene Therapy 3:641-647 (1992) KIT. "Recombinant-derived modified-live herpesvirus vaccines" Adv. Exp. Med. Biol. 251:219-236 (1989)

EXAMINER	DATE CONSIDERED	

16(2):172-176 (1998)

270 (1985)

and Function 1(5.6):309-319 (1997)

Acad. Sci. USA 82:488-492 (1985)

KOLBERG, "Gene transfer virus contaminant linked to monkeys' cancer" J. NIH Res. 4:43-44 (1992)

KOOLE et al., "Sustained local drug delivery from a radiopaque implanted reservoir" Nature Biotech.

KROON et al., "The transcriptional regulatory strategy of the rat tissue kallirein gene family" Genes

KUNKEL, "Rapid and efficient site-specific mutagenesis without phenotypic selection" Proc. Natl.

LAMB et al., "Nucleotide sequence of cloned cDNA coding for preproricin" Eur. J. Biochem. 148:265-

OF 1001

INFORMATION DISCLOSURE CITATION

OTHER Several sheets if necessary)

ATTY. DOCKET NO. CELLO11CON

June 5, 2001

SERIAL 09/875,228

APPLICANT

De Chao Yu et al.

FILING DATE

GROUP

1632

LATMER et al., "Specificity of monoclonal antibodies produced against phosphorothioate and ribodified DNAs" *Mol. Immunol.* 32(14/15):1057-1064 (1995)

LE GAL LE SALLE et al., "An adenovirus vector for gene transfer into neurons and glia in the brain" Science 259:988-990 (1993)

LINDZEY et al., "Molecular mechanisms of androgen action" *Vitamins and Hormones* 49:383-432 (1994)

LITZINGER and HUANG, "Phosphatidylethanolamine liposomes: drug delivery, gene transfer and immunodiagnostic applications" *Biochimica et Biophysica Acta* 1113:201-227 (1992)

LUNDWALL et al., "Molecular cloning of human prostate specific antigen cDNA" *FEBS Lett*.

214(2):317-322 (1987)
LUNDWALL. "Characterization of the gene for prostate-specific antigen, a human glandular

LUNDWALL, "Characterization of the gene for prostate-specific antigen, a numan glandular kallikrein" *Biochem. Biophys. Res. Commun.* 161(3):1151-1159 (1989)

LUYTJES et al., "Amplification, expression, and packaging of a foreign gene by influenza virus" *Cell* 59:1107-1113 (1989)

Mackett et al., "Vaccinia virus: A selectable eukaryotic cloning and expression vector" *Proc. Natl. Acad. Sci. USA* 79:7415-7419 (1982)

MAHATO et al., "Cationic lipid-based gene delivery systems: pharmaceutical perspectives" *Pharm. Res.* 14(7):853-859 (1997)

MANSOUR et al., "Disruption of the proto-oncogene *int-2* in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes" *Nature* 336:348-352 (1988)

MASTRANGELI et al., "Diversity of airway epithelial cell targets for *in vivo* recombinatn adenovirus-mediated gene transfer" *J. Clin. Invest.* 91:225-234 (1993)

MAXWELL et al., "Cloning, sequence determination, and expression in transfected cells of the coding sequence for the *tox* 176 attenuated diphtheria toxin A chain" *Mol. Cell. Biol.* 7:1576-1579 (1987) MCGRORY et al., "A simple technique for the rescue of early region I mutations into infectious

human adenovirus type 5" *Virol.* 163:614-617 (1988)

MCKINNON, "Tn5 mutatgenesis of the transforming genes of human adenovirus type 5" *Gene* 19:33-

42 (1982)

MCMICHAEL et al., "Cytotoxic T-cell immunity to influenza" N. Eng. J. Med. 309(1):13-17 (1983)

MELTON, D.A. ed., <u>Antisense RNA and DNA</u> Cold Spring Harbor Laboratory, Cold Spring Harbor, NY (1988) Title page and table of contents only.

MESSING et al., "P₀ promoter directs expression of reporter and toxin genes to Schwann cells of transgenic mice" *Neuron* 8:507-520 (1992)

MILLER and CALOS, eds., <u>Gene Transfer Vectors for Mammalian Cells</u>, Cold Spring Harbor Laboratory (1987) Title page and table of contents only.

MILLER et al., "Gene Transfer by retrovirus vectors occurs only in cells that are actively replicating at the time of infection" *Mol. Cell Biol.* 10(8):4239-4242 (1990)

MILLER et al., "Progress toward human gene therapy" Blood 76(2):271-278 (1990)

MORRIS, "hGK-1: A Kallikrein gene expressed in human prostate" *Clin Exp. Pharm. Phuysiol.* 16:345-351 (1989)

EXAMINER

DATE CONSIDERED

INFORMATION DISCLOSURE CITATION

		Page 9 6 1
INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO. CELL011CON	SERIAL NO. 09/875,228
P(Use several sheets if necessary)	APPLICANT	Ch (2)
D, [8]	De Ch	ao Yu et al.
OEE 27 DON'S	FILING DATE June 5, 2001	Page 9 0 1 1 SERIAL NO. 09/875,228 ao Yu et al. GROUP 1632 Acad. Sci. 569:86-103
MOS and FLEXNER, "Vaccinia virus expres		
with a SV40 beta-globin recombinant geno	me" <i>Nature</i> 277-108-114 (197	79)
MULLIS et al., eds. <u>PCR: The Polymerase Page and table of contents only.</u>		
MURTHA et al., "Androgen induction of a hi Characterization of an androgen response 32:6459-6464 (1993)	element in the 5' promoter re	gion of the gene" <i>Biochem.</i>
MUZYCZKA et al., "Use of adeno-associated cells" Curr. Topics Microbiol. Immunol. 158:	97-129 (1992)	
NALDINI et al., "In vivo gene delivery and st vector" Science 272-263-267 (1996)		
NEVINS, "Mechanisms of viral-mediated tra (1989)	ans-activation of transcription	" Adv. Virus Res. 37:35-83
OVERBAUGH et al, "Molecular cloning of fe disease in cats" Science 239(4842)906-910		ces fatal immunodeficiency
OW et al., "Transient and stable expression plants" <i>Science</i> 234-856-859 (1986)	of the firefly luciferase gene	in plant cells and transgeni
PALMITER et al., "Cell lineage ablation in to Cell 50:435-443 (1987)	ransgenic mice by cell-specifi	c expression of a toxin gene
PANG et al., "Identification of a positive reg of prostate-specific antigen" Cancer Res. 57	gulatory element responsible 7:495-499 (1997)	for tissue-specific expression
PAWELEK et al., "Tumor-targeted Salmonel 4544 (1997)	la as a novel anticancer vecto	or" Cancer Res. 57:4537-
PEYROTTES et al., "Oligodeoxynucleoside p stability of duplexes with DNA and RNA tar		
PIATAK et al., "Expression of soluble and futemperature-sensitive" J. Biol. Chem. 263(1		escherichia coli is
POWERS et al., "Anterior pituitary glandula Mol. Cell Enocrinol. 90:C15-20 (01/1993)	r kallikrein: a putative prolac	ctin processing protease."
POZANSKY, "Gene transfer into human lym type 1 vector" <i>J. Virol.</i> 65(1):532-536 (1991)	1)	
QIU et al., "In situ hybridization or prostate 144(6):1550-1556 (1990)		
QUANTIN et al., "Adenovirus as an express 89:2581-3584 (1992)		
RAGOT et al., "Efficient adenovirus-mediate muscle of mdx mice" Nature 361:647-650 (ystrophin gene to skeletal

EXAMINER

DATE CONSIDERED

Page 10 of

INFORMATION DISCLOSURE CITATION

(08/1995)

(QTO0261 ID 0 0 0 ID) OF KNGF0

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ATTY. DOCKET NO. CELLO11CON SERVAL NO. 09/875,228

APPLICANT

De Chao Yu et al.

FILING DATE
June 5, 2001

GROUP

1632

RMAN et al., "Characterization of the human Kallikrein locus." Genomics 14:6-11, entire document (02/1992)

RIEGMAN et al., "The promoter of the prostate-specific antigen gene contains a functional androgen responsive element" *Molec. Endocrin.* 5(12):1921-1930 (1991)

RODRIGUEZ et al., "Prostate attenuated replication competent adenovirus (ARCA) CN706: A

RODRIGUEZ et al., "Prostate attenuated replication competent adenovirus (ARCA) CN706: A selective cytotoxic for prostate-specific antigen-positive prostate cancer cells" *Cancer Res.* 57:2559-2563 (1997).

ROLS et al., "In vivo electrically mediated protein and gene transfer in murine melanoma" *Nature Biotech* 16(2):168-171 (1998)

ROSENFELD et al., "Adenovirus-mediated transfer of a recombinant alpha1-antitrypsin gene to the lung epithelium in vivo" *Science* 252:431-434 (1991)

ROSENFELD et al., "In vivo transfer of the human cystic fibrosis transmembrane conductance regulator gene to the airway epithelium" *Cell* 68:143-155 (1992)

SAMBROOK et al., <u>Molecular Cloning</u>, <u>A Laboratory Manual</u>, 2nd Edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY (1989) Title page and table of contents only. SCHEDLICH et al., "Primary structure of Human glandular kallikrein gene." *DNA* 6:429-437

SCHEDLICH et al., GenEmbol Accession No. M18156 (08/1995)

SCHREIER et al., "(Patho)physiologic pathways to drug targeting: Artificial viral envelopes" *J. Molec. Recognition* 8(1/2):59-62 (1995)

SCHULTZ et al., "Oligo-2'-fluoro-2'-deoxynucleotide N3'-P5' phosphoramidates: synthesis and properties" *Nucleic Acids Res.* 24(15):2966-73 (1996)

SCHUUR et al., "Chimeras of herpes simplex viral VP 16 and jun are oncogenic" Cell Growth and Differ. 4:761-768 (1993)

SCHUUR et al, "Prostate-specific antigen expression is regulated by an upstream enhancer" *J. Biol. Chem.* 271(12):7043-7051 (1996)

SEFTON et al., "Microencapsulation of mammalian cells in a water insoluble polyacrylate by coextrusion and interfacial precipitation" *Biotechnol. Bioeng.* 29:1135-1143 (1987)

STRATFORD-PERRICAUDET et al., "Evaluation of the transfer and expression in mice of an enzyme-encoding gene using a human adenovirus vector" *Human Gene Therapy* 1:241-256 (1990)

STRATFORD-PERRICAUDET et al., "Widespread long term gene transfer to mouse skeletal muscles and heart" *J. Clin. Invest.* 90:626-630 (1992)

SUGARMORI et al., "Microencapsulation of pancreatic islets in a water insoluble polyacrylate" *Trans. Am. Soc. Artif. Intern. Organs* 35:791-799 (1989)

SWAMINATHAN et al., "Regulation of adenovirus E2 transcription unit" *Curr. Topics in Microbiol. And Immunol.* 199 part 3:177-194 (1995)

TAKAMIYA et al., "Gene therapy of malignant brain tumors: A rat glioma line bearing the herpes simplex virus type 1-thymidine kinase gene and wild type retrovirus kills other tumor cells" *J. Neurosci. Res.* 33:493-503 (1992)

TAKIFF et al., "Propagation and in vitro studies of previously non-cultivable enteral adenoviruses in 293 cells" Lancet 11:832-834 (1981)

TILLEY et al., "Characterization and expression of a cDNA encoding the human androgen receptor" *Proc. Natl. Acad. Sci. USA* 86:327-331 (1989)

EXAMINER

DATE CONSIDERED

Page 11 of

SERIA NO.

CELL011CON 09/875,228 2 P (20002610000000 OF KHGF0 (Use several sheets if necessary) **APPLICANT** DEC 27 2007 De Chao Yu et al. FILING DATE GROUP June 5, 2001 1632 EFSON et al., "The 11,600-M_w protein encoded by region E3 of adenovirus is expressed early but is greatly amplified at late stages of infection" J. Virol. 66(6):3633-3642 (1992) TOLLEFSON et al., "The adenovirus death protein (E3-11.6K) is required at very late stages of infection for efficient cell lysis and release of adenovirus from infected cells" J. Virol. 70(4):2296-2306 (1996) TREMBLAY et al., "Immunohistochemical study suggesting a complementary role of kallikreins hK2 and hK3 (prostate-specific antigen) in the functional analysis of human prostate tumors" Am. J. Pathol. 150(2):455-459 (1997) TRUBETSKOY et al., "Cationic liposomes enhance targeted delivery and expression of exogenous DNA mediated by N-terminal modified poly(1-lysine)-antibody conjugate in mouse lung endothelial cells" Biochem. Biophys. Acta 1131:311-313 (1992) VERMA and SOMIA, "Gene therapy-promises, problems and prospects" Nature 389-239-242 VILE and HART, "In vitro and in vivo targeting of gene expression to melanoma cells" Cancer Res. 53:962-967 (1993) VILE AND HART, "Use of tissue-specific expression of the herpes simplex virus thymidine kinase gene to inhibit growth of established murine melanomas following direct intratumoral injection of DNA" Cancer Res. 53(17):3860-3864 (1993) VIRTANEN et al., "mRNAs from human adenovirus 2 early region 4" J. Virol. 51(3):822-831 (1984)VOET and VOET, In Biochemistry, Second Edition, John Wiley and Sons, Publishers. Page 930, Column 1 (1995) WAGNER et al., "Transferrin-polycation conjugates as carriers for DNA uptake into cells" Proc. Natl. Acad. Sci USA 87:3410-3414 (1990) WANG and HUANG, "Highly efficient DNA delivery mediated by pH-sensitive immunoliposomes" Biochemistry 28:9508-9514 (1989) WANG and HUANG, "pH-sensitive immunoliposomes mediate target-cell specific delivery and controlled expression of foreign gene in mouse" Proc. Natl. Acad. Sci. USA 84:7851-7855 (1987) WANG and HUANG, :Plasmid DNA absorbed to pH-sensitive liposomes efficiently transforms the target cells" Biochem Biophys. Res. Commun. 147(3):980-985 (1987) WANG et al., "Expression of the APRT gene in an adenovirus vector system as a model for studying gene therapy" Adv. Exp. Med. Biol. 309B:61-66 (1991) WEINBERG et al., "A cell line that supports the growth of a defective early region 4 deletion mutant of human adenovirus type 2" Proc. Natl. Acad. Sci. USA 80:5383-5386 (1983) WEIR, D.M. et al., eds. Handbook of Experimental Immunology, vols 1, 2, 3 and 4 (1986) Title page and table of contents only. WILLIAMS, Concise Encyclopedia of Medical & Dental Materials, MIT Press: Cambridge, MA (1990) Title page and table of contents only. WILSON et al., "Biological properties of poliovirus encapsulated in lipid vesicles: Antibody resistance and infectivity in virus resistant cells" Proc. Natl. Acad. Sci. USA 74(8):3471-3475 WILSON et al., "Hepatocyte-directed gene transfer in vivo leads to transient improvement of hypercholesterolemia in low density lipoprotein receptor-deficient rabbits" J. Biol. Chem. 267(2):963-967 (1992) DATE CONSIDERED **EXAMINER**

INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

Page 12 of 12

INFORMATION DISCLOSURE CITATION	ATTY, DOCKET NO. SERIAL NO. CELLO11CON 09/875,228					
© © © 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	APPLICANT De Chao Yu et al.					
DEC 27 2001	FILING DATE June 5, 2001	GROUP 1632				
TRANSPORTED TRANSP	state kallikrein-like gene	es by androgen" <i>Molec</i> .				
YAP et al., "Transfer of specific cytotoxic T lyr influenza virus" Nature 273:238-239 (1978)	YAP et al., "Transfer of specific cytotoxic T lymphocyutes protects mice inoculated with					
	YOUNG et al., "Tissue-specific and hormonal regulation of human prostate-specific glandular					
ZELENIN et al., "Bacterial beta-galactosidase a	ZELENIN et al., "Bacterial beta-galactosidase and human dystrophin genes are expressed in mouse skeletal muscle fibers after ballistic transfection" FEBS Letters 414:319-322 (1997)					
ZENKE et al., "Receptor-mediated endocytosis efficient way to introduce DNA into hemotopoi 3659 (1990)	ZENKE et al., "Receptor-mediated endocytosis of transferrin-polycation conjugates: An efficient way to introduce DNA into hemotopoietic cells" <i>Proc. Natl. Acad. Sci. USA</i> 87:3655-					
Biochem. Biophys. Acta 1065:8-14 (1991)	ZHOU et al., "Liophilic polylysines mediate efficient DNA transfection in mammalian cells" Biochem. Biophys. Acta 1065:8-14 (1991)					
ZHOU et al., "The androgen receptor: An overv	riew" Recent Prog. Horm.	Res. 49:249-274 (1994)				
ZJILSTRA et al., "Germ-line transmission of a by homologous recombination in embryonic s	ZJILSTRA et al., "Germ-line transmission of a disrupted beta ₂ -microglobuline gene produced by homologous recombination in embryonic stem cells" <i>Nature</i> 342:435-438 (1989)					

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EXAMINER	DATE CONSIDERED